

Sun-spiders of the Arab countries (Arachnida : Solpugida)

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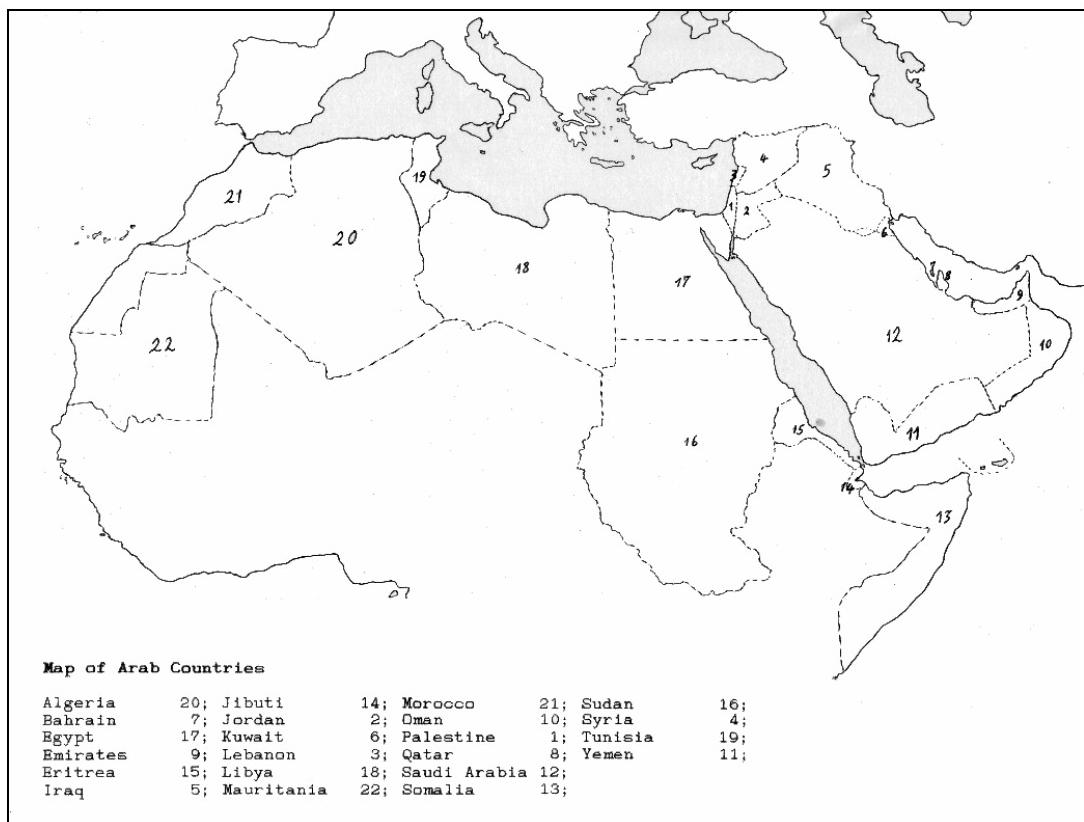
Introduction

Sun-spiders are scarcely studied in the Arab countries. Hence, this work is prepared to present a list of species recorded from these countries with their references and keys to families (from El-Hennawy, 1990) and genera (from Roewer, 1934 & 1941). This will be the base of more detailed studies similar to that of Egyptian species (El-Hennawy, 1998).

In this study, 191 species and 4 subspecies are recorded, classified within 57 genera in 6 families.

Family	Genera	Species	Sub-species
Daesiidae	12	50	4
Galeodidae	9	61	--
Gylippidae	2	5	--
Karschiidae	4	10	--
Rhagodidae	20	44	--
Solpugidae	10	21	--

Abbreviations: Ref = references, {T} = type species



Order Solpugida

Key to Solpugid Families

1. Anus : ventrally located

Family RHAGODIDAE

Tarsal segmentation : 1-1-1-1

Heavy-bodied; short-legged; small to large (10-60 mm)

Leg 1 : tarsi : with a pretarsus + 2 claws,

metatarsi : with a dense ventral clothing of short spinelike setae

Male cheliceral flagellum : paraxially immovable; composed of

2 flattened, curled, setae that form a nearly complete, slightly curved, truncate, hornlike tube on the mesial surface

Female genital opercula : not differentiated from other abdominal sternites and not specifically variable

Distribution : northeastern Africa, southwestern Asia, and Near East
[26 genera, 91 species]

-. Anus : terminally located

...2

2. Tarsal segmentation : 1-4-4-(6-7) **Family SOLPUGIDAE**
 Long-legged; small to large (8-60 mm)
 Leg 1 : tarsi : without claws
 Male cheliceral flagellum : paraxially immovable; mesodorsal to dorsal, whiplike structure separated from the fixed cheliceral finger by a suture
 Female genital opercula : indistinctly differentiated from other abdominal sternites, and although they are some-times variable from one genus to another, they are not specifically so
 Distribution : predominantly in Africa
 [23 genera, >200 species]
- . Tarsal segmentation : 1-1-1-1 to 1-2-2-4 ...3
3. Tarsal claws of legs 2 to 4 : setaceous **Family GALEODIDAE**
 Tarsal segmentation : 1-2-2-3
 Long-legged; small to large (12-70 mm)
 Leg 1 : tarsi : without claws or with 1 or 2 claws
 Male cheliceral flagellum : paraxially movable; a single, capitate (terminally enlarged) seta located on the mesial surface
 Female genital opercula : not differentiated from other abdominal sternites and not specifically variable
 Distribution : northern Africa, and Asia
 [4 genera (10 in Roewer, 1934), 180 species]
- . Tarsal claws of legs 2 to 4 : smooth ...4
4. Leg 1 : tarsi : without claws **Family DAESIIDAE**
 Tarsal segmentation : 1-1-1-1 to 1-2-2-4
 Long-legged; tiny to moderate-sized (6-23 mm)
 Male cheliceral flagellum : paraxially movable, ovate to irregular membranous structure attached to the mesial surface by a disk
 Female genital opercula : not differentiated from other abdominal sternites and not specifically variable
 Propeltidium : exterior lobes : fused
 Distribution : Africa, southern Europe, Near East, and South America
 [7 subfamilies, 34 genera, 182 species]
- . Leg 1 : tarsi : with 1 or 2 claws ...5
 Tarsal segmentation : 1-1-1-1
 Small to moderate-sized (8-26 mm); long-legged
 Female genital opercula : differentiated from other abdominal

sternites and specifically variable

5. Chelicerae : multidentate

Family KARSCHIIDAE

Male cheliceral flagellum : paraxially immovable; fanlike to coiled, whiplike seta located on the mesial surface, with associated modified setae and a dorsal cheliceral horn
 Propeltidium : exterior lobes : posteriorly fused
 Distribution : Asia and Near East to southeastern Europe and northwestern Africa
 [5 genera, 41 species]

- . Chelicerae : not multidentate

Family GYLIPPIDAE

Male cheliceral flagellum : paraxially immovable; dorsal, more or less membranous process associated with one or more strongly modified setae
 Propeltidium : exterior lobes : free
 Distribution : central Asia to Near East
 [5 genera, 14 species]

Family Daesiidae

Key to Sub-Families and Genera :

Tarsal segmentation	Sub-Family	Ventral spination of : Tarsus 2-3 4		Genus
1-1-1-1	Gnosippinae	1.2.2.2	2.2.2.2.2	<i>Tarabulida</i>
		1.2.2.2.2	2.2.2.2.2.2	<i>Gnosippus</i>
1-1-1-2	Blossiinae	1.2.2.2	2.2.2/2.2	<i>Blossiola</i>
		2.2.2.2	2.2.2/2.2	<i>Blossia</i>
1-1-1-3	Gluviopsinae	1.2.2.2.2	2.2/2/2.2.2	<i>Gluviopsis</i>
		1.2.2.2.2	2.2/2/1.2.2	<i>Gluviopsilla</i>
		1.2.2.2.2	2.2/2/2.2	<i>Gluviopsona</i>
1-2-2-2	Triditarsinae	1.1/0	1.1/0	<i>Hodeidania</i>
1-2-2-3	Gluviinae	1.1/0	2.2/2/0	<i>Eberlanzia</i>
		2.2/2	2.2.2/2/2	<i>Gluviema</i>
1-2-2-4	Daesiinae	0/0	0/0/0/0	<i>Bitonota</i>
		1.1/0	2.2/0/2/0	<i>Biton</i>

Genus *Biton* Karsch, 1880*Biton bellulus* (Pocock, 1902)

Distribution: Egypt.

Ref: 1. *B.b.* Roewer, 1934 pp.391,401,402.*Biton brunneus* Roewer, 1934

Distribution: Morocco.

Ref: 1. *B.b.* Roewer, 1934 p.402.*Biton brunnipes* Pocock, 1896

Distribution: Somalia.

Ref: 1. *B.b.* Roewer, 1934 p.403.2. *B.b.* Delle Cave & Simonetta, 1971 pp.43-44.*Biton ehrenbergi* Karsch, 1880 {T}

Distribution: Egypt, Eritrea, Palestine, Saudi Arabia, Somalia, Sudan, Tunisia.

Ref: 1. *B.e.* Roewer, 1934 pp.390,391,400,402.2. *B.e.* Roewer, 1941 p.140.3. *B.e.* Benoit, 1964 pp.96-97.4. *B.e.* Delle Cave & Simonetta, 1971 pp.44-45.*Biton fessanus* Roewer, 1934

Distribution: Libya.

Ref: 1. *B.f.* Roewer, 1934 p.403.*Biton fuscipes* Pocock, 1897

Distribution: Somalia.

Ref: 1. *B.f.* Roewer, 1934 p.403.*Biton fuscus* (Kraepelin, 1899)

Distribution: Algeria.

Ref: 1. *B.f.* Roewer, 1934 p.403.*Biton laminatus* (Pocock, 1903)

Distribution: Arabia, Yemen.

Ref: 1. *B.l.* Roewer, 1934 p.403.*Biton lividus* Simon, 1882

Distribution: Sudan.

Ref: 1. *B.l.* Roewer, 1934 p.403.2. *B.l.* Benoit, 1964 p.97.

Biton lividus aristomenes Delle Cave & Simonetta, 1971

Distribution: Eritrea.

Ref: 1. *B.l.a.* Delle Cave & Simonetta, 1971 pp.53-56.

Biton magnifrons (Birula, 1904)

Distribution: Palestine, Somalia.

Ref: 1. *B.m.* Roewer, 1934 p.403.

2. *B.m.* Levy & Shulov, 1964 p.107.

Biton ragazzii (Kraepelin, 1899)

Distribution: Eritrea, Sudan.

Ref: 1. *B.r.* Roewer, 1934 p.403.

2. *B.r.* Roewer, 1941 p.140.

3. *B.r.* Benoit, 1964 p.97.

4. *B.r.* Delle Cave & Simonetta, 1971 pp.46-48.

Biton sabulosus Pocock, 1903

Distribution: Arabia.

Ref: 1. *B.s.* Roewer, 1934 p.403.

Biton simoni (Kraepelin, 1899)

Distribution: Djibouti.

Ref: 1. *B.s.* Roewer, 1934 p.403.

2. *B.s.* Delle Cave & Simonetta, 1971 pp.48-51.

Biton tarabulus Roewer, 1934

Distribution: Libya.

Ref: 1. *B.t.* Roewer, 1934 p.403.

Biton tunetanus Simon, 1885

Distribution: Algeria, Palestine, Tunisia.

Ref: 1. *B.t.* Roewer, 1934 p.402.

2. *B.t.* Levy & Shulov, 1964 p.107.

Biton velox Simon, 1885

Distribution: Libya, Tunisia.

Ref: 1. *B.v.* Roewer, 1934 p.402.

Biton velox dmitrievi (Birula, 1904)

Distribution: Palestine, Somalia.

Ref: 1. *B.dimitrievi* Roewer, 1934 p.403.

2. *B.dimitrievi* Levy & Shulov, 1964 p.108.

3. *B.v.d.* Delle Cave & Simonetta, 1971 pp.51-52.

Biton villosus Birula, ?

Distribution: Somalia ?.

Ref: 1. *B.v.* Roewer, 1934 p.403.

Biton wicki (Birula, 1915)

Distribution: Somalia, Sudan, Yemen.

Ref: 1. *B.w.* Roewer, 1934 p.403.

2. *Daesia w.* Whittick, 1941 pp.48-49.

3. *B.w.* Benoit, 1964 p.96.

4. *B.w.* Delle Cave & Simonetta, 1971 p.56.

Biton zederbaueri (Werner, 1905)

Distribution: Palestine.

Ref: 1. *B.z.* Roewer, 1934 p.402.

2. *B.z.* Levy & Shulov, 1964 p.107.

Genus *Bitonota* Roewer, 1934

Bitonota kraepelini Roewer, 1934 {T}

Distribution: Somalia.

Ref: 1. *B.k.* Roewer, 1934 pp.388-390.

Genus *Blossia* Simon, 1880

Blossia albocaudata Levy & Shulov, 1964

Distribution: Palestine.

Ref: 1. *B.a.* Levy & Shulov, 1964 pp.106-107.

Blossia electa Roewer, 1934

Distribution: Morocco.

Ref: 1. *B.e.* Roewer, 1934 p.372.

Blossia spinosa Simon, 1880 {T}

Distribution: Algeria, Egypt, Palestine, Sudan.

Ref: 1. *B.s.* Simon, 1880 p.400.

2. *B.s.* Roewer, 1934 pp.371-372.

3. *B.s.* Levy & Shulov, 1964 p.106.

Genus *Blossiola* Roewer, 1934

Blossiola aegyptiaca Roewer, 1934

Distribution: Egypt, Palestine.

Ref: 1. *B.a.* Roewer, 1934 pp.366,370.

2. *B.a.* Levy & Shulov, 1964 p.106.

Blossiola arabica Roewer, 1934

Distribution: Yemen.

Ref: 1. *B.a.* Roewer, 1934 p.370.

Blossiola ebneri Roewer, 1934

Distribution: Morocco, Palestine.

Ref: 1. *B.e.* Roewer, 1934 p.371.

2. *B.e.* Levy & Shulov, 1964 p.106.

Blossiola gluviooides Roewer, 1934

Distribution: Mauritania.

Ref: 1. *B.g.* Roewer, 1934 p.370.

Blossiola laticosta (Hewitt, 1919)

Distribution: Palestine, Somalia.

Ref: 1. *B.l.* Roewer, 1934 p.369.

2. *B.l.* Levy & Shulov, 1964 p.106.

3. *B.l.* Delle Cave & Simonetta, 1971 pp.51-52.

Blossiola maroccana Roewer, 1934

Distribution: Morocco.

Ref: 1. *B.m.* Roewer, 1934 p.370.

Blossiola nigripalpis Roewer, 1934

Distribution: Jordan, Palestine.

Ref: 1. *B.n.* Roewer, 1934 p.370.

2. *B.n.* Levy & Shulov, 1964 p.105.

Blossiola nigripalpis agriope Roewer, 1934

Distribution: Somalia.

Ref: 1. *B.n.a.* Delle Cave & Simonetta, 1971 pp.39-40.

Blossiola occidentalis Roewer, 1934

Distribution: Morocco, Palestine.

Ref: 1. *B.o.* Roewer, 1934 p.370.

2. *B.o.* Levy & Shulov, 1964 p.106.

Blossiola omeri Levy & Shulov, 1964

Distribution: Palestine.

Ref: 1. *B.o.* Levy & Shulov, 1964 p.106.

Genus *Eberlania* Roewer, 1941*Eberlania ? benedicti* Delle Cave & Simonetta, 1971

Distribution: Somalia.

Ref: 1. *E.b.* Delle Cave & Simonetta, 1971 pp.68-69.**Genus *Gluviema* Caporiacco, 1936***Gluviema migiurtina* Caporiacco, 1936 {T}

Distribution: Somalia.

Ref: 1. *G.m.* Roewer, 1941 p.139.**Genus *Gluviopsilla* Roewer, 1934***Gluviopsilla discolor* (Kraepelin, 1899) {T}

Distribution: Algeria, Syria.

Ref: 1. *G.d.* Roewer, 1934 p.378.**Genus *Gluviopsis* Kraepelin, 1899***Gluviopsis balfouri* (Pocock, 1895)

Distribution: Yemen (Socotra).

Ref: 1. *G.b.* Roewer, 1934 pp.377-378.*Gluviopsis butes* Delle Cave & Simonetta, 1971

Distribution: Somalia.

Ref: 1. *G.b.* Delle Cave & Simonetta, 1971 pp.61-63.*Gluviopsis nigripalpis* (Pocock, 1897)

Distribution: Somalia.

Ref: 1. *G.n.* Roewer, 1934 p.377.2. *G.n.* Delle Cave & Simonetta, 1971 pp.65-67.*Gluviopsis rivae* (Pavesi, 1897)

Distribution: Somalia.

Ref: 1. *G.r.* Roewer, 1934 p.378.2. *G.r.* Delle Cave & Simonetta, 1971 pp.67-68.*Gluviopsis rufescens* (Pocock, 1897) {T}

Distribution: Djibouti, Yemen.

Ref: 1. *G..* Roewer, 1934 p.377.2. *G.r.* Delle Cave & Simonetta, 1971 pp.64-65.*Gluviopsis rufescens pygmaea* Delle Cave & Simonetta, 1971

Distribution: Djibouti, Somalia.

Ref: 1. *G.r.p.* Delle Cave & Simonetta, 1971 pp.63-64.

***Gluviopsis somalica* Roewer, 1934**

Distribution: Somalia.

Ref: 1. *G.s.* Roewer, 1934 p.377.

Genus *Gluviopsona* Roewer, 1934

***Gluviopsona lahavi* Levy & Shulov, 1964**

Distribution: Palestine.

Ref: 1. *G.l.* Levy & Shulov, 1964 p.107.

***Gluviopsona nova* Turk, 1960**

Distribution: Jordan.

Ref: 1. *G.n.* Turk, 1960 pp.122-123.

Genus *Gnosippus* Karsch, 1880

***Gnosippus franchetti* Caporiacco, 1936**

Distribution: Eritrea.

Ref: 1. *G.f.* Roewer, 1941 pp.130-131.

2. *G.f.* Delle Cave & Simonetta, 1971 pp.59-60.

***Gnosippus klunzingeri* Karsch, 1880 {T}**

Distribution: Egypt, Palestine.

Ref: 1. *G.k.* Roewer, 1934 pp.355-356.

2. *G.k.* Levy & Shulov, 1964 p.105.

***Gnosippus styloceros* Kraepelin, 1899**

Distribution: Palestine.

Ref: 1. *G.s.* Roewer, 1934 p.357.

2. *G.s.* Levy & Shulov, 1964 pp.104-105.

***Gnosippus yemenensis* (Simon, 1882)**

Distribution: Oman, Yemen.

Ref: 1. *G.y.* Roewer, 1934 p.357.

Genus *Hodeidania* Roewer, 1934

***Hodeidania brunnipalpis* Roewer, 1934**

Distribution: Yemen.

Ref: 1. *H.b.* Roewer, 1934 p.383.

Genus *Tarabulida* Roewer, 1934

***Tarabulida ephippiata* Roewer, 1934 {T}**

Distribution: Libya.

Ref: 1. *T.e.* Roewer, 1934 p.354.

Tarabulida fumigata Roewer, 1934

Distribution: Libya.

Ref: 1. *T.f.* Roewer, 1934 p.354.

Family Galeodidae

Key to Genera :

Number of ventral spines on :

Segments 1-2 of Tarsus 2		Segments 1-3 of Tarsus 3	Segments 1-3 of Tarsus 4	Genus
1.2.2/2		1.2.2/2	2.2/2/0	<i>Galeodibus</i>
2.2/2		2.2/2	2.2.2/2/0	<i>Galeodora</i>
1.1.2/2 or 2.2.2/2		1.1.2/2 or 2.2.2/2	2.2.2/2/0	<i>Galeodes</i> s.str.
1.1.2.2/2 or 1.2.2.2/2		1.1.2.2/2 or 1.2.2.2/2	2.2.2/2/0	<i>Othoes</i>
1.1.2/2 or 1.2.2/2 or 2.2.2/2		1.1.2/2 or 1.2.2/2 or 2.2.2/2	2.2.2/2/1	<i>Galeodila</i>
1.1.2/2 or 2.2.2/2		1.1.2/2 or 2.2.2/2	2.2.2/2/2	<i>Galeodellus</i>
1.1.2.2/2		1.1.2.2/2	2.2.2/2/2	<i>Galeodarus</i>
1.1.2/2.1		1.1.2/2.1	2.2.2/2.2/2	<i>Galeodopsis</i>
2.2.2/2		2.2.2/2	2.2.2.2/2/0	<i>Galeodessus</i>

Genus *Galeodarus* Roewer, 1934

Galeodarus insidiator Roewer, 1934 {T}

Distribution: Yemen.

Ref: 1. *G.i.* Roewer, 1934 p.548.

Genus *Galeodellus* Roewer, 1934

Galeodellus darius (Pocock, 1895)

Distribution: Palestine.

Ref: 1. *G.d.* Roewer, 1934 p.547.

2. *G.d.* Levy & Shulov, 1964 p.111.

Galeodellus lehmanni (Birula, 1890)

Distribution: Palestine.

Ref: 1. *G.l.* Roewer, 1934 pp.543-544.

2. *G.l.* Levy & Shulov, 1964 p.111.

Galeodellus mosconi-bronzii Caporiacco, 1936

Distribution: Somalia.

Ref: 1. *G.m.* Roewer, 1941 pp.170-171.

Galeodellus tarabulus Roewer, 1934

Distribution: Libya.

Ref: 1. *G.t.* Roewer, 1934 p.547.

Genus *Galeodes* Pallas, 1772

Galeodes arabs C.L.Koch, 1842

Distribution: Algeria, Arabia, Egypt, Iraq, Libya, Morocco, Palestine, Sudan, Syria, Tunisia, Yemen.

Ref: 1. *G.a.* Tullgren, 1909 p.1.

2. *G.a.* Roewer, 1934 pp.518-519, 522-523, 532.

3. *G.a.* Roewer, 1941 p.161.

4. *G.a.* Levy & Shulov, 1964 p.109.

5. *G.a.* Benoit, 1964 p.97.

Galeodes araneoides (Pallas, 1772) {T}

Distribution: Egypt, Iraq, Jordan, Palestine.

Ref: 1. *Solpuga a.* Audouin, 1825 pp.176-178.

2. *Solpuga intrepida* Audouin, 1825 p.178.

3. *Solpuga a.* Cambridge, 1870 p.818.

4. *G.a.* Roewer, 1934 pp.516, 523-524, 526-527.

5. *G.a.* Roewer, 1941 p.159.

6. *G.a.* Levy & Shulov, 1964 p.109.

Galeodes atriceps Roewer, 1934

Distribution: Palestine.

Ref: 1. *G.a.* Roewer, 1934 pp.529.

2. *G.a.* Levy & Shulov, 1964 p.109.

Galeodes babylonicus Roewer, 1934

Distribution: Iraq, Palestine.

Ref: 1. *G.b.* Roewer, 1934 p.532.

2. *G.b.* Levy & Shulov, 1964 p.110.

Galeodes bacilliferoides Birula, 1908

Distribution: Iraq.

Ref: 1. *G.b.* Roewer, 1934 p.529.

Galeodes barbarus Lucas, 1846

Distribution: Algeria, Egypt, Ethiopia, Libya, Morocco,
Somalia, Sudan, Tunisia.

Ref: 1. *Paragaleodes b.* Tullgren, 1909 p.2.

2. *G.b.* Roewer, 1934 pp.516, 523, 534.

3. *G.b.* Roewer, 1941 p.162.

4. *G.b.* Benoit, 1964 pp.95-96.

Galeodes bicolor Roewer, 1934

Distribution: Jordan, Palestine.

Ref: 1. *G.b.* Roewer, 1934 p.530.

2. *G.b.* Turk, 1960 p.117.

3. *G.b.* Levy & Shulov, 1964 p.109.

Galeodes birulae Roewer, 1941

Distribution: Iraq.

Ref: 1. *G.b.* Roewer, 1941 pp.162-163.

Galeodes bogojavlenskii Birula, 1906

Distribution: Palestine.

Ref: 1. *G.b.* Roewer, 1934 p.527.

2. *G.b.* Levy & Shulov, 1964 p.109.

Galeodes clavatus Roewer, 1934

Distribution: Tunisia.

Ref: 1. *G.c.* Roewer, 1934 p.534.

Galeodes crassichelis Roewer, 1934

Distribution: Tunisia.

Ref: 1. *G.c.* Roewer, 1934 p.534.

Galeodes dorsalis Roewer, 1934

Distribution: Palestine, Saudi Arabia, Syria.

Ref: 1. *G.d.* Roewer, 1934 p.532.

2. *G.d.* Levy & Shulov, 1964 p.110.

Galeodes edentatus Benoit, 1964

Distribution: Sudan.

Ref: 1. *G.e.* Benoit, 1964 pp.93-95.

Galeodes fulvipes (Birula, 1904)

Distribution: Palestine.

Ref: 1. *G.f.* Roewer, 1934 p.530.

2. *G.f.* Levy & Shulov, 1964 p.109.

Galeodes graecus C.L.Koch, 1842

Distribution: Egypt, Syria.

Ref: 1. *G.g.* Simon, 1899 p.244.

2. *G.g.* Roewer, 1934 pp.521, 525, 531.

3. *G.g.* Roewer, 1941 p.160.

Galeodes granti Pocock, 1903

Distribution: Egypt, Palestine, Saudi Arabia, Somalia, Sudan,
Syria, Yemen.

Ref: 1. *G.g.* Roewer, 1934 pp.515, 522, 532.

2. *G.g.* Roewer, 1941 p.162.

3. *G.g.* Benoit, 1964 p.93.

4. *G.g.* Levy & Shulov, 1964 p.109.

Galeodes judaicus (Kraepelin, 1899)

Distribution: Palestine.

Ref: 1. *G.j.* Roewer, 1934 pp.531-532.

2. *G.j.* Roewer, 1941 p.160.

3. *G.j.* Levy & Shulov, 1964 p.109.

Galeodes kraepelini Roewer, 1934

Distribution: Egypt.

Ref: 1. *G.k.* Roewer, 1934 pp.517, 533.

Galeodes lacertosus Roewer, 1934

Distribution: Yemen.

Ref: 1. *G.l.* Roewer, 1934 p.532.

Galeodes laniator Roewer, 1934

Distribution: Iraq, Palestine.

Ref: 1. *G.l.* Roewer, 1934 p.532.

2. *G.l.* Roewer, 1941 p.161.

3. *G.l.* Levy & Shulov, 1964 p.109.

Galeodes litigiosus Roewer, 1934

Distribution: Yemen.

Ref: 1. *G.l.* Roewer, 1934 p.532.

Galeodes lybicus Roewer, 1941

Distribution: Libya.

Ref: 1. *G.l.* Roewer, 1941 p.168.

Galeodes medusae Turk, 1960

Distribution: Egypt.

Ref: 1. *G.m.* Turk, 1960 pp.114-115.

Galeodes minimus Roewer, 1934

Distribution: Morocco.

Ref: 1. *G.m.* Roewer, 1934 p.535.

Galeodes minitor Roewer, 1934

Distribution: Morocco.

Ref: 1. *G.m.* Roewer, 1934 p.535.

Galeodes (Galeodellus) pinkasi Turk, 1960

Distribution: Jordan.

Ref: 1. *G.(G.)p.* Turk, 1960 pp.115-116.

Galeodes nesterovi (Birula, 1916)

Distribution: Iraq.

Ref: 1. *G.n.* Roewer, 1934 p.532.

Galeodes occidentalis Simon, 1885

Distribution: Algeria, Mauritania, Morocco.

Ref: 1. *G.o.* Roewer, 1934 p.534.

Galeodes palpalis Roewer, 1934

Distribution: Tunisia.

Ref: 1. *G.p.* Roewer, 1934 p.534.

Galeodes revestitus Roewer, 1934

Distribution: Morocco.

Ref: 1. *G.r.* Roewer, 1934 p.535.

Galeodes rhamses Roewer, 1934

Distribution: Egypt.

Ref: 1. *G.r.* Roewer, 1934 pp.515,522,534.

Galeodes scalaris C.L.Koch, 1842

Distribution: Saudi Arabia, Egypt, Libya, Morocco.

Ref: 1. *G.s.* Roewer, 1934 pp.519-520,526,533.

2. *G.s.* Roewer, 1941 p.162.

Galeodes schendicus Roewer, 1934

Distribution: Egypt ?, Sudan.

Ref: 1. *G.s.* Roewer, 1934 p.533.

Galeodes sericeus (Kraepelin, 1899)

Distribution: Egypt ?, Sudan.

Ref: 1. *G.s.* Roewer, 1934 pp.517,523,533.

Galeodes simplex Roewer, 1934

Distribution: Tunisia.

Ref: 1. *G.s.* Roewer, 1934 p.534.

Galeodes somalicus Roewer, 1934

Distribution: Somalia.

Ref: 1. *G.s.* Roewer, 1934 p.534.

Galeodes sulfuripes Roewer, 1934

Distribution: Iraq, Palestine.

Ref: 1. *G.s.* Roewer, 1934 p.532.

2. *G.s.* Levy & Shulov, 1964 pp.109-110.

Galeodes theodori Turk, 1960

Distribution: Egypt.

Ref: 1. *G.t.* Turk, 1960 pp.113-114.

Galeodes tunetanus (Kraepelin, 1899)

Distribution: Tunisia.

Ref: 1. *G.t.* Roewer, 1934 p.534.

2. *G.t.* Roewer, 1941 p.162.

Galeodes unicolor (Birula, 1905)

Distribution: Palestine.

Ref: 1. *G.u.* Roewer, 1934 p.530.

2. *G.u.* Levy & Shulov, 1964 p.109.

Galeodes veemi Whittick, 1939

Distribution: Egypt.

Ref: 1. G.v. Roewer, 1941 pp.166-167.

Galeodes venator Simon, 1879

Distribution: Algeria, Morocco.

Ref: 1. G.v. Roewer, 1934 pp.534-535.

Galeodes ventralis Roewer, 1934

Distribution: Yemen.

Ref: 1. G.v. Roewer, 1934 p.533.

Genus *Galeodessus* Roewer, 1934

Galeodessus taurus Roewer, 1934

Distribution: Iraq.

Ref: 1. G.t. Roewer, 1934 p.549.

Genus *Galeodibus* Roewer, 1934

Galeodibus blanchardi (Simon, 1891) {T}

Distribution: Algeria, Libya, Morocco, Tunisia.

Ref: 1. G.b. Roewer, 1934 p.513.

2. G.b. Roewer, 1941 p.158.

Galeodibus fessanus Roewer, 1934

Distribution: Libya.

Ref: 1. G.f. Roewer, 1934 p.513.

Galeodibus flavivittatus Roewer, 1934

Distribution: Algeria.

Ref: 1. G.f. Roewer, 1934 p.513.

Galeodibus olivieri (Simon, 1879)

Distribution: Algeria, Libya, Mauritania, Morocco.

Ref: 1. G.o. Roewer, 1934 p.513.

2. G.o. Roewer, 1941 pp.157-158.

3. G.o. Lawrence, 1953 p.971.

Galeodibus tripolitanus Roewer, 1934

Distribution: Libya, Morocco.

Ref: 1. G.t. Roewer, 1934 p.513.

2. G.t. Roewer, 1941 p.158.

Genus *Galeodila* Roewer, 1934*Galeodila pusilla* Roewer, 1934

Distribution: Algeria, Palestine.

Ref: 1. *G.p.* Roewer, 1934 p.537.2. *G.p.* Levy & Shulov, 1964 pp.110-111.*Galeodila tillmani* Whittick, 1939

Distribution: Somalia.

Ref: 1. *G.t.* Roewer, 1941 p.159.**Genus *Galeodopsis* Birula, 1903***Galeodopsis tripolitanus* Hirst, 1912

Distribution: Libya.

Ref: 1. *G.t.* Roewer, 1934 p.549.**Genus *Galeodora* Roewer, 1934***Galeodora adamsi* Turk, 1947

Distribution: Iraq.

Ref: 1. *G.a.* Turk, 1947 pp.77-80.*Galeodora distincta* Roewer, 1934 {T}

Distribution: Lebanon.

Ref: 1. *G.d.* Roewer, 1934 p.513.**Genus *Othoes* Hirst, 1911***Othoes floweri* Hirst, 1911 {T}

Distribution: Egypt.

Ref: 1. *O.f.* Roewer, 1934 p.536.*Othoes vittatus* Hirst, 1912

Distribution: Palestine.

Ref: 1. *O.v.* Roewer, 1934 p.536.2. *O.v.* Levy & Shulov, 1964 p.110.

Family Gylippidae**Key to Genera :**

1. Male chelicera with 2 principal spines and 1 digital spine;

Female genital sternites convex in shape

Gylippus

- Male chelicera with 1 principal spine, without digital spine;
Female genital sternites concave in shape *Acanthogylippus*

Genus *Acanthogylippus* Birula, 1913

Acanthogylippus judaicus (Kraepelin, 1899) {T}

Distribution: Palestine.

- Ref: 1. A.j. Roewer, 1934 p.318.
2. A.j. Levy & Shulov, 1964 p.104.

Genus *Gylippus* Simon, 1879

Gylippus shulovi Turk, 1948

Distribution: Palestine.

- Ref: 1. G.s. Levy & Shulov, 1964 p.104.

Gylippus syriacus (Simon, 1872) {T}

Distribution: Iraq, Palestine, Syria.

- Ref: 1. G.s. Roewer, 1934 p.311.
2. G.s. Roewer, 1941 p.114.
3. G.s. Levy & Shulov, 1964 p.104.

Gylippus yerohami Levy & Shulov, 1964

Distribution: Palestine.

- Ref: 1. G.y. Levy & Shulov, 1964 p.104.

Gylippus sp.

Distribution: Yemen (Socotra).

- Ref: 1. G.sp. Turk, 1960 p.121.

Family Karschiidae

Key to Genera :

1. Male flagellum with a strongly differentiated bristles tuft. Female cheliceral movable finger with 2 or more small intermediate-teeth between front and main teeth. *Karschia*
- Male flagellum more or less oval elongated in shape, without bristles..2

- | | |
|--|------------------|
| 2. Male flagellum, prolaterally, without a horn;
Ocular area with dense tubular hairs. | Barrus |
| - Male flagellum, prolaterally, with a horn | ..3 |
| | |
| 3. Male flagellum, prolaterally, with an acute horn;
Ocular area and also the front edge of male's propeltidium with soft
tubular hairs. | Barrella |
| - Male flagellum, prolaterally, with a curved, more or less, blunt horn;
Ocular area and also the front edge of male's propeltidium only with
normal bristles and hairs. | Eusimonia |

Genus *Barrella* Hirst, 1910

Barrella walsinghami Hirst, 1910 {T}

World Distribution: Algeria.

Ref: 1. *B.w.* Roewer, 1934 p.304.

Genus *Barrus* Simon, 1880

Barrus letourneuxi Simon, 1880 {T}

Distribution: Egypt.

Ref: 1. *B.l.* Simon, 1880 pp.401-402.

2. *B.l.* Roewer, 1934 pp.305-306.

Genus *Eusimonia* Kraepelin, 1899

Eusimonia arabica Roewer, 1934

Distribution: Yemen.

Ref: 1. *E.a.* Roewer, 1934 p.302.

Eusimonia furcillata (Simon, 1872) {T}

Distribution: Palestine.

Ref: 1. *E.f.* Roewer, 1934 p.302.

2. *E.f.* Levy & Shulov, 1964 p.104.

Eusimonia kabiliana (Simon, 1879)

Distribution: Algeria, Egypt, Palestine.

Ref: 1. *E.k.* Roewer, 1934 pp.301-302.

2. *E.k.* Levy & Shulov, 1964 p.104.

Eusimonia mirabilis Roewer, 1934

Distribution: Libya.

Ref: 1. *E.m.* Roewer, 1934 p.302.

Eusimonia nigrescens Kraepelin, 1899

Distribution: Syria ?.

Ref: 1. *E.n.* Roewer, 1934 p.302.

Eusimonia orthoplax Kraepelin, 1899

Distribution: Algeria.

Ref: 1. *E.o.* Roewer, 1934 p.302.

Genus *Karschia* Walter, 1889

Karschia kurdistanica Birula, 1935

Distribution: Iraq ?.

Ref: 1. *K.k.* Roewer, 1941 pp.110-111.

Karschia sp.

Distribution: Egypt.

Ref: 1. *K.sp.* El-Hennawy, 1998 p.28.

Family Rhagodidae

Key to Genera (20) :

Number of ventral spines on :

Tarsus 2 & 3	Tarsus 4	Genus
0	0	<i>Rhagodes</i>
1.1	0	<i>Rhagodax</i>
0	1.1	<i>Rhagoduna</i>
0	1.2	<i>Rhagodula</i>
0	1.1.1	<i>Rhagodoca</i>
0	1.2.2	<i>Rhagodopa</i>
1	1.1.1	<i>Rhagodospus</i>
1.1	1.2.2	<i>Rhagoditta</i>
0	2.2.2	<i>Rhagodinus</i>
1.1	2.2.2	<i>Rhagodira</i>
1.2	2.2.2	<i>Rhagodixa</i>
2.2.2	2.2.2	<i>Rhagodia</i>
0	2.2.2.2	<i>Rhagoderus</i>
1.2	1.2.2.2	<i>Rhagoderma</i>
1.2	2.2.2.2	<i>Rhagodessa</i>
1.1.2	1.2.2.2	<i>Rhagodippa</i>
1.2.2	1.1.2.2	<i>Rhagodeya</i>
1.2.2	2.2.2.2	<i>Rhagodeca</i>

2.2.2	2.2.2.2	<i>Rhagodella</i>
2.2.2.2	2.2.2.2	<i>Rhagodalma</i>

Note. Genus ***Rhagodorimus*** is not included in the key.

Genus *Rhagodalma* Roewer, 1934

Rhagodalma melanocephala Roewer, 1934 {T}

Distribution: Sudan.

Ref: 1. *R.m.* Roewer, 1934 p.288.

Genus *Rhagodax* Roewer, 1941

Rhagodax transjordania Turk, 1960

Distribution: Jordan.

Ref: 1. *R.t.* Turk, 1960 pp.120-121.

Rhagodax wadidaba Roewer, 1941 {T}

Distribution: Jordan.

Ref: 1. *R.w.* Roewer, 1941 p.102.

Genus *Rhagodeca* Roewer, 1934

Rhagodeca fuscichelis Roewer, 1941

Distribution: Palestine, Syria.

Ref: 1. *R.f.* Roewer, 1941 p.108.

2. *R.f.* Levy & Shulov, 1964 p.103.

Rhagodeca hirsti Roewer, 1934

Distribution: Palestine.

Ref: 1. *R.h.* Roewer, 1934 p.286.

2. *R.h.* Levy & Shulov, 1964 p.103.

Rhagodeca impavida (C.L.Koch, 1842) {T}

Distribution: Arabia, Oman.

Ref: 1. *R.i.* Roewer, 1934 p.285-286.

Genus *Rhagodella* Roewer, 1934

Rhagodella atra Roewer, 1934

Distribution: Palestine.

Ref: 1. *R.a.* Roewer, 1934 p.288.

2. *R.a.* Roewer, 1941 p.109.

3. *R.a.* Levy & Shulov, 1964 p.103.

Genus *Rhagoderma* Roewer, 1934*Rhagoderma tricolor* Roewer, 1941

Distribution: Palestine.

Ref: 1. *R.t.* Roewer, 1941 p.107.2. *R.t.* Levy & Shulov, 1964 p.103.**Genus *Rhagoderus* Roewer, 1934***Rhagoderus griseopilosus* Roewer, 1934 {T}

Distribution: Palestine.

Ref: 1. *R.g.* Roewer, 1934 pp.281-282.2. *R.g.* Levy & Shulov, 1964 p.103.**Genus *Rhagodes* Pocock, 1897***Rhagodes aegypticus* Roewer, 1934

Distribution: Egypt.

Ref: 1. *R.a.* Roewer, 1934 pp.269-270.*Rhagodes furiosus* (C.L.Koch, 1842)

Distribution: Egypt, Libya.

Ref: 1. *R.f.* Roewer, 1934 pp.269-270.2. *R.f.* Roewer, 1941 p.101.3. *R.f.* Lawrence, 1953 p.955.*Rhagodes melanus* (Olivier, 1807) {T}

Distribution: Algeria, Egypt, South Palestine.

Ref: 1. *Solpuga m.* Audouin, 1825 pp.178-179.2. *Solpuga m.* Cambridge, 1870 p.818.3. *R.m.* Roewer, 1934 pp.269-270.4. *R.m.* Lawrence, 1953 p.955.5. *R.m.* Levy & Shulov, 1964 p.103.*Rhagodes nicotrae* Caporiacco, 1939

Distribution: Somalia.

Ref: 1. *R.n.* Roewer, 1941 p.101.*Rhagodes strandi* Caporiacco, 1939

Distribution: Somalia.

Ref: 1. *R.n.* Roewer, 1941 p.101.*Rhagodes subaureus* Roewer, 1934

Distribution: Somalia.

Ref: 1. *R.s.* Roewer, 1934 p.270.

2. *R.s.* Lawrence, 1953 p.955.

Genus *Rhagodessa* Roewer, 1934

Rhagodessa cloudsleythompsoni Benoit, 1964

Distribution: Sudan.

Ref: 1. *R.c.* Benoit, 1964 pp.91-92.

Rhagodessa judaica (Kraepelin, 1899)

Distribution: Palestine, Syria.

Ref: 1. *R.j.* Roewer, 1934 p.283.

2. *R.j.* Roewer, 1941 p.107.

3. *R.j.* Levy & Shulov, 1964 p.103.

Rhagodessa melanocephala (Simon, 1879) {T}

Distribution: Sudan.

Ref: 1. *R.m.* Roewer, 1934 p.283.

2. *R.m.* Benoit, 1964 p.97.

Rhagodessa sudanensis Roewer, 1934

Distribution: Sudan.

Ref: 1. *R.s.* Roewer, 1934 p.283.

2. *R.s.* Benoit, 1964 p.97.

Rhagodessa zionensis Roewer, 1934

Distribution: Palestine.

Ref: 1. *R.z.* Roewer, 1934 p.283.

2. *R.z.* Roewer, 1941 p.107.

3. *R.z.* Levy & Shulov, 1964 p.103.

Genus *Rhagodeya* Roewer, 1934

Rhagodeya nigra Caporiacco, 1937

Distribution: Libya.

Ref: 1. *R.n.* Roewer, 1941 p.108.

Rhagodeya nubia Roewer, 1934 {T}

Distribution: Sudan.

Ref: 1. *R.n.* Roewer, 1934 p.284.

Genus *Rhagodia* Roewer, 1934

Rhagodia obscurior (Penner, 1913) {T}

Distribution: Iraq.

Ref: 1. *R.o.* Roewer, 1934 p.281.

Genus *Rhagodinus* Roewer, 1934*Rhagodinus caenaeicus* (Penthaler, 1913) {T}

Distribution: Iraq, Palestine.

Ref: 1. *R.c.* Roewer, 1934 p.279.2. *R.c.* Levy & Shulov, 1964 p.103.*Rhagodinus incertus* Caporiacco, 1936

Distribution: Eritrea.

Ref: 1. *R.i.* Roewer, 1941 pp.105-106.**Genus *Rhagodippa* Roewer, 1934***Rhagodippa albatra* Roewer, 1934 {T}

Distribution: Djibouti.

Ref: 1. *R.a.* Roewer, 1934 p.284.**Genus *Rhagodira* Roewer, 1934***Rhagodira algerica* Roewer, 1934

Distribution: Algeria, Morocco, Tunisia.

Ref: 1. *R.a.* Roewer, 1934 p.280.2. *R.a.* Roewer, 1941 p.106.*Rhagodira ochropus* (Dufour, 1862) {T}

Distribution: Algeria, Tunisia.

Ref: 1. *R.o.* Roewer, 1934 p.280.**Genus *Rhagoditta* Roewer, 1934***Rhagoditta bacillata* Roewer, 1941

Distribution: Tunisia.

Ref: 1. *R.b.* Roewer, 1941 p.105.*Rhagoditta corallipes* (Simon, 1885)

Distribution: Algeria, Tunisia.

Ref: 1. *R.c.* Roewer, 1934 p.279.*Rhagoditta phalangium* (Olivier, 1807) {T}

Distribution: Djibouti, Egypt.

Ref: 1. *Solpuga p.* Audouin, 1825 p.179.2. *R.p.* Roewer, 1934 pp.278-279.**Genus *Rhagodixa* Roewer, 1934***Rhagodixa kurdistana* (Birula, 1936)

Distribution: Iraq.

Ref: 1. *R.k.* Roewer, 1941 p.106.

Genus *Rhagodoca* Roewer, 1934

Rhagodoca macrocephala Roewer, 1934

Distribution: Somalia.

Ref: 1. *R.m.* Roewer, 1934 p.275.

Rhagodoca phillipsi (Pocock, 1896)

Distribution: Somalia.

Ref: 1. *R.p.* Roewer, 1934 p.274.

Rhagodoca picta Roewer, 1934

Distribution: Somalia.

Ref: 1. *R.p.* Roewer, 1934 p.274.

Rhagodoca somalica Roewer, 1934

Distribution: Somalia.

Ref: 1. *R.s.* Roewer, 1934 p.274.

2. *R.s.* Roewer, 1941 p.104.

Genus *Rhagodopa* Roewer, 1934

Rhagodopa jaffana Roewer, 1934

Distribution: Palestine.

Ref: 1. *R.j.* Roewer, 1934 p.277.

2. *R.j.* Levy & Shulov, 1964 p.103.

Rhagodopa jemenensis Roewer, 1934

Distribution: Yemen.

Ref: 1. *R.j.* Roewer, 1934 p.277.

Genus *Rhagodorimus* Turk, 1948 (not included in the key)

Rhagodorimus judaicus Turk, 1948

Distribution: Palestine.

Ref: 1. *R.j.* Levy & Shulov, 1964 p.103.

Genus *Rhagodospus* Roewer, 1941

Rhagodospus babylonicus (Birula, 1935) {T}

Distribution: Iraq.

Ref: 1. *R.b.* Roewer, 1941 p.105.

Genus *Rhagodula* Roewer, 1941

Rhagodula nigra Roewer, 1941

Distribution: Palestine.

Ref: 1. *R.n.* Roewer, 1941 p.103.

2. *R.n.* Levy & Shulov, 1964 p.103.

Genus *Rhagoduna* Roewer, 1934

Rhagoduna deserticola Roewer, 1941

Distribution: Syria.

Ref: 1. *R.d.* Roewer, 1941 p.103.

Rhagoduna nocturna Roewer, 1934 {T}

Distribution: Sudan.

Ref: 1. *R.n.* Roewer, 1934 p.271.

2. *R.n.* Benoit, 1964 p.97.

Rhagoduna puccionii (Caporiacco, 1927)

Distribution: Syria.

Ref: 1. *R.p.* Roewer, 1941 pp.102-103.

Family Solpugidae

Key to Genera (10) :

1. Tarsal segmentation : 1-4-4-6 Subfamily Ferrandiinae

Number of ventral spines on :

Segments 2-4 of		Segments 2-6 of	Genus
Tarsus 2	Tarsus 3	Tarsus 4	
2/0/0	2/0/1	2/0/2/0/0	<i>Ferrandia</i>
2/0/0	2/0/0	2/0/2/0/0	<i>Enea</i>

- . Tarsal segmentation : 1-4-4-7 Subfamily Solpuginae ...2

2. First segment of tarsus 2 only dorsally with regular hairs ...3

- . First segment of tarsus 2 dorsally with hairs and besides with distinct stand out long row of 7 spinous-bristles; Number of ventral spines on :

Segments 2-4 of		Segments 2-7 of	Genus
Tarsus 2	Tarsus 3	Tarsus 4	
2/1/2	2/1/2	2/2/0/2/0/2	<i>Oparbella</i>
2/1/2	2/1/2	2/2/1/2/0/2	<i>Oparbona</i>
2/2/2	2/2/2	2/2/2/2/0/2	<i>Oparba</i>

3. Deutosternum wedge-shaped; metatarsus of pedipalp ventrally often spiny; ventral spination of : segments 2-4 of tarsus 2 & 3 : 2/0/2, segments 2-7 of tarsus 4 : 2/2/0/2/0/2 **Zeriassa**

- . Deutosternum staff-shaped; metatarsus of pedipalp ventrally never spiny; Number of ventral spines on :

Segments 2-4 of		Segments 2-7 of Tarsus 4	Genus
Tarsus 2	Tarsus 3		
2/0/2	2/0/2	2/2/0/2/0/2	<i>Solpugassa</i>
2/1/2	2/1/2	2/2/2/2/0/2	<i>Solpugyla</i>
2/2/2	2/2/2	2/2/0/2/0/2	<i>Solpugeira</i>
2/2/2	2/2/2	2/2/2/2/0/2	<i>Solpuga</i>

* * * * *

Genus *Enea* Roewer, 1934

Enea birulae Roewer, 1934 {T}

Distribution: Somalia.

Ref: 1. E.b. Roewer, 1934 p.413-414.

Genus *Ferrandia* Roewer, 1934

Ferrandia ferrandii (Kraepelin, 1899) {T}

Distribution: Somalia.

Ref: 1. F.f. Roewer, 1934 pp.412-413.

Genus *Solpuga* Pocock, 1897

Solpuga funksoni Birula, 1915

Distribution: Sudan.

Ref: 1. S.f. Roewer, 1934 p.465.

2. S.f. Benoit, 1964 p.97.

Solpuga neumannii Kraepelin, 1903

Distribution: Somalia

Ref: 1. S.n. Roewer, 1934 p.464.

Solpuga parkinsoni Pocock, 1897

Distribution: Somalia.

Ref: 1. S.p. Roewer, 1934 p.464.

Solpuga persephone (Simon, 1879)

Distribution: Algeria.

Ref: 1. S.p. Roewer, 1934 pp.464-465.

Solpuga schweinfurthi Karsch, 1880

Distribution: Sudan.

- Ref: 1. *S.s.* Roewer, 1934 p.464.
 2. *S.s.* Lawrence, 1953 p.970.
 3. *S.s.* Benoit, 1964 p.97.

Genus *Solpugassa* Roewer, 1934

Solpugassa dentatidens (Simon, 1879)

Distribution: Somalia.

- Ref: 1. *S.d.* Roewer, 1934 p.431.

Genus *Solpugeira* Roewer, 1934

Solpugeira fuscorufa (Schenkel, 1933) {T}

Distribution: Somalia.

- Ref: 1. *S.f.* Roewer, 1934 p.440.
 2. *S.f.* Roewer, 1941 p.149.

Genus *Solpugyla* Roewer, 1934

Solpugyla maestrii Caporiacco, 1939

Distribution: Somalia.

- Ref: 1. *S.m.* Roewer, 1941 p.149.

Genus *Zeriassa* Pocock, 1897

Zeriassa bicolor (Pocock, 1897) {T}

Distribution: Somalia.

- Ref: 1. *Z.b.* Roewer, 1934 p.428.

Zeriassa longicornis Lawrence, 1953

Distribution: Somalia.

- Ref: 1. *Z.l.* Lawrence, 1953 pp.965-966.

Zeriassa ruspolii (Pavesi, 1897)

Distribution: Somalia.

- Ref: 1. *Z.r.* Roewer, 1934 p.428.

Zeriassa sudanica Roewer, 1934

Distribution: Sudan.

- Ref: 1. *Z.s.* Roewer, 1934 p.428.
 2. *Z.s.* Benoit, 1964 p.97.

Genus *Oparba* Roewer, 1934*Oparba maroccana* (Kraepelin, 1899) {T}

Distribution: Morocco.

Ref: 1. *O.m.* Roewer, 1934 p.485.2. *O.m.* Roewer, 1941 p.157.**Genus *Oparbella* Roewer, 1934***Oparbella aciculata* (Simon, 1879)

Distribution: Algeria, Palestine, Tunisia.

Ref: 1. *O.a.* Roewer, 1934 pp.483.2. *O.a.* Levy & Shulov, 1964 p.108.*Oparbella bicolor* Roewer, 1934

Distribution: Tunisia.

Ref: 1. *O.b.* Roewer, 1934 pp.483.*Oparbella flavescens* (C.L.Koch, 1842) {T}

Distribution: Algeria, Egypt, Libya, Morocco, Tunisia.

Ref: 1. *O.f.* Roewer, 1934 pp.481-483.2. *O.f.* Roewer, 1941 p.156.*Oparbella quedenfeldti* (Kraepelin, 1899)

Distribution: Egypt, Morocco.

Ref: 1. *O.q.* Roewer, 1934 pp.482-483.2. *O.q.* Roewer, 1941 p.156.*Oparbella wernerii* (Birula, 1914)

Distribution: Algeria, Palestine, Tunisia.

Ref: 1. *O.w.* Roewer, 1934 pp.483.2. *O.w.* Roewer, 1941 p.157.3. *O.w.* Levy & Shulov, 1964 p.108.**Genus *Oparbona* Roewer, 1934***Oparbona simoni* Roewer, 1934 {T}

Distribution: Algeria.

Ref: 1. *O.s.* Roewer, 1934 pp.484.

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References

Audouin, V. 1825

Explication sommaire des planches d'Arachnides de l'Egypte et de la Syrie, Publiées par Jules-César Savigny. In: Description de l'Egypte ou Recueil des observations et des recherches qui ont été faites en Egypte pendant l'expédition de l'armée française. Histoire Naturelle. Tome Premier 1809. Paris. 4e partie, pp. 99-186. Atlas: pls. 1-9 (Arachnides).

Benoit, P.L.G. 1964

Contribution à l'étude des Solifuges du Soudan.
Ann.Natal Mus. 16: 91-98.

Cambridge, O.P. 1870

Notes on a collection of Arachnida made by J.K.Lord, Esq., in the Peninsula of Sinai and on the African borders of the Red Sea.
Proc.zool.Soc.Lond., 1870, p.818-823, pl.50.

Delle Cave, L. & Simonetta, A.M. 1971

A tentative revision of the Daesiidae (Arachnida, Solifugae) from Ethiopia and Somalia. Monitore zool.ital. (N.S.) Suppl.IV: 37-77.

El-Hennawy, H.K. 1990

Key to Solpugid Families (Arachnida : Solpugida). Serket 2(1): 20-27.

El-Hennawy, H.K. 1998

Arachnida of Egypt. I. Order Solpugida. Serket 6(1): 1-37.

Lawrence, R.F. 1953

A collection of African Solifugae in the British Museum (Natural History). Proc.zool.Soc.London 122(4): 955-972.

- Levy, G. & Shulov, A. 1964
 The Solifuga of Israel. Israel J.Zool. 13: 102-120.
- Roewer, C.F. 1934
 Solifugae, Palpigradi, in: "Bronns Klassen und Ordnungen des Tierreichs", Leipzig, Bd.5, Abt.4(4): 1-723.
- Roewer, C.F. 1941
 Solifugen 1934-1940. Veröff.Deutsch Kol.-Übersee Mus.Bremen, 3(2): 97-192.
- Simon, E. 1880
 Descriptions de deux nouveaux genres de l'ordre des Solifugae. Ann.Soc.ent.Fr., 1880, pp.399-402.
- Simon, E. 1899
 Arachnides recueillis par M.C.-J.Dewitz en 1898, à Bir-Hooker (Wadi Natron), en Egypte. Bull.Soc.ent.Fr., 1899, pp.244-247.
- Tullgren, A. 1909
 Solifugae, Scorpiones und Chelonethi aus Ägypten und dem Sudan. In: L.A.Jägerskiöld (ed.), Results of the Swedish Zoological Expedition to Egypt, 1901, Uppsala. 3(21), A: 1-12.
- Turk, F.A. 1947
 On two new species of the Family Galeodidae (Solifuga) from Asia. Ann.Mag.Nat.Hist. 14: 74-80.
- Turk, F.A. 1960
 On some sundry species of Solifugids in the collections of the Hebrew University of Jerusalem. Proc.zool.Soc.London 135(1): 105-124.
- Whittick, R.J. 1941
 5. Arachnida : Scorpiones, Pedipalpi and Solifugae.
 British Museum Expedition to South-West Arabia 1937-8. vol.I: 43-49.
